

DP BARCODE No.: D367791 **File Symbol No.:** 7969-ETO (279) **PRODUCT NAME:** Integrity Powered By Kixor Herbicide

DATE OUT: August 12, 2009

SUBJECT: **FEE. PRODUCT CHEMISTRY REVIEW OF MP [] EP [X]**
DP BARCODE No.: D367791 **File Symbol No.:** 7969-ETO (279)
PRODUCT NAME: Integrity Powered by Kixor Herbicide
COMPANY: BASF Corporation
FOOD USE [X] PCC: 118203, **Decision No.** 389168

FROM: Shyam Mathur,
Product Chemistry Team Leader
Technical Review Branch/RD (7505P)

TO: Kathryn Montague / James Tompkins, RM 25
Herbicide Branch / RD (7505P)

S. Mathur
8/12/09
DMC

INTRODUCTION:

The application for the registration of proposed end use product along with the product chemistry data and the basic CSF (dated 12-21-07) were reviewed previously (see PCR dated April 24, 2008; DP 349947; MRID Nos. 47128501 to 47128505). All the product chemistry data submitted was found to be acceptable; except for the basic CSF (12-21-07) and the one year studies for the guidelines 830.6317 (storage stability) and 830.6320 (corrosion characteristics). The registrant was requested to include in the CSF the name of the impurity of tox concern carried over from the active ingredient technical source product during the formulation of this end use product. The registrant on July 30, 2009, submitted a revised basic CSF (dated 07-30-09) as recommended by the Agency. TRB has been asked to evaluate the proposed revised basic CSF (dated 07-30-09) and determine its acceptability.

SUMMARY OF FINDINGS

1. The end use product contains saflufenacil technical [File Symbol No. 7969-ETL, 97.4%] and Dimethenamid-P [Reg. No. 7969-155, 97.2%] as the active ingredients with the product label claims of 6.24% and 55.04% respectively. The active ingredient saflufenacil source technical product is undergoing the process of registration with the Agency.
2. The proposed revised CSF for basic formulation (dated 07-30-09) is filled out correctly & completely. The nominal concentrations of the active ingredients concur with the product label claim nominal concentrations. The CSF is in compliance with PR Notice 91-2. The registrant has included the name of the impurity of tox concern carried over from the technical source product for the active ingredient saflufenacil. The proposed certified limits for the active ingredients and the inert ingredients are in compliance with standard certified limit table set-forth in 40CFR §158.350(b)(2), except for one food use inert ingredient. For the one food use inert ingredient (present as solvent in the formulation), the registrant has proposed wider certified limits and has provided proper justifications. The data submitted corresponding to guidelines 830.1550 (product identity & composition) and 830.1750 (certified limits) satisfy the product chemistry data requirements of 40CFR§158.320 & 158.350 respectively.
3. In addition to three production sites to formulate this product already mentioned in the previous basic CSF (Box # 2, dated 12-21-07), the registrant has added one more site as indicated below.

Omnium Winfield Solutions, LLC,
1280 Imperial Road,
Hampton, Iowa 50441.

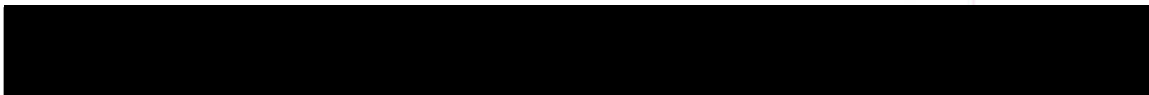
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Powered By Kixor Herbicide**

CONCLUSIONS:

The TRB has reviewed the proposed revised CSF for basic formulation (dated 07-30-09) and has found it acceptable. The revised proposed basic CSF (dated 07-30-09) will replace the current submitted basic CSF (dated 12-21-07). The registrant has included the name & the upper certified limits for the carried over impurity of tox concern. For the name of this impurity, please refer to confidential appendix.

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Powered By Kixor Herbicide

CONFIDENTIAL APPENDIX



Manufacturing process information may be entitled to confidential treatment

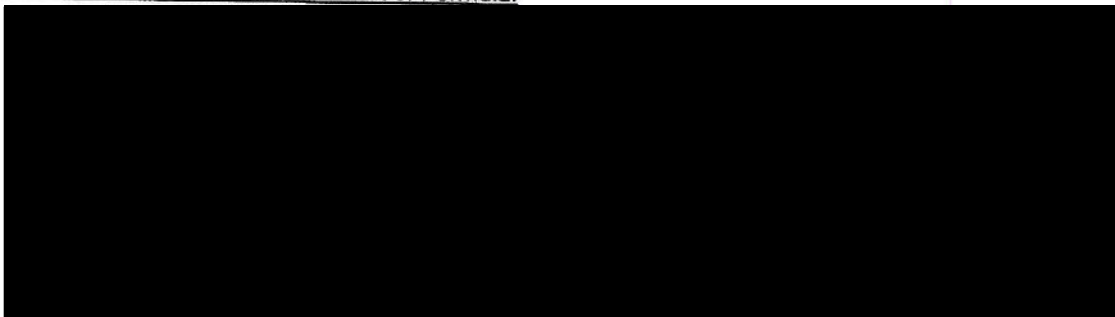
Confidential Statement of Formula (Continued)

Product Name: **INTEGRITY Powered by KIXOR® Herbicide**

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Reg. No. 7969-279

Notes on the Confidential Statement of Formula:



Signature: 
Steven Brunt
Group Manager
Formulation Development and Analytics

Date: 7/30/09

7969-155

7-21-2008

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Dr. Craig Kleppe
BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709-3528

JUL 21 2008

Subject: Dimethenamid Technical
EPA Registration No. 7969-155
Amended labeling submitted March 7, 2008, and revised basic csf dated March 5, 2008

Dear Dr. Kleppe:

The amended labeling referred to above is acceptable. A stamped copy of this label is enclosed for your records. This labeling supersedes all previously accepted labeling except for supplemental labeling. The revised basic csf for this product dated March 5, 2008, is acceptable and has been placed in our files.

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Tompkins", written over a circular stamp.

Jim Tompkins
Product Manager Team 25
Herbicide Branch
Registration Division (7505P)



The Chemical Company

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUL 21 2008

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

1969-155

Dimethenamid-P

technical

For Manufacturing Use Only

Active Ingredients	
Dimethenamid-P: (S)-2-chloro-N-[(1-methyl-2-methoxyethyl)-N-(2,4-dimethyl-then-3-yl)-acetamide]	97.2%
Inert Ingredients	2.8%
Total	100.0%

EPA Reg. No: 7969-155

EPA Est. No: 68323-TX-001

KEEP OUT OF REACH OF CHILDREN WARNING/AVISO

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
May be fatal if swallowed. Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse. Users should wash thoroughly and change into clean clothing. Dirty clothing should be washed separately from other laundry.

Net Contents:

BASF Corporation, Crop Protection
26 Davis Drive, Research Triangle Park, NC 27709

FIRST AID	
If Swallowed	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give anything to an unconscious person.
If on Skin or Clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Flush immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
If Inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.
If in Eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after first 5 minutes, then continue rinsing.• Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).	

Environmental Hazards

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Only for formulation into a herbicide for the following uses: (1) beets (sugar, table), garlic, onions (dry bulb, green), shallots (dry bulb, green), leek, perennial grasses grown for seed, sweet potato, tuberous and corm vegetables, horseradish, potato, field corn, seed corn, popcorn, soybeans, peanuts, sweet corn, sorghum, and dry beans (including lentils), hops, pumpkin, winter squash, radish, turnip, rutabaga; (2) landscape or grounds maintenance and ornamental production; (3) Use for which U.S. EPA has accepted the required data and/or citations of data that the formulation has submitted in support of registration; and (4) uses for experimental purposes that are in compliance with U.S. EPA regulations. This product may be used to formulate products for specific uses not listed on the MP label if the formulator, user group, or grower has complied with U.S. EPA data submission requirements regarding support of such uses. This technical material may only be used to produce herbicide formulations that are registered or exempted from registration by the U.S. EPA. If it is desired to produce formulations that do not have prior approval, the producer of such formulations is responsible for providing all necessary data and for obtaining registration. The user is solely responsible for determination of suitability of the use of this product for any specific purpose, any manufacturing practice employed, and adoption of such safety precautions as may be necessary.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in original container in a well-ventilated area above 60°F (15.6°C) separately from fertilizer, feed, and foodstuffs. Avoid cross-contamination with other pesticides. Spillage or leakage should be contained, carefully swept up and collected for disposal. Wash area of spill with detergent and water.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility.

Container Disposal: Metal or Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or, if allowed by state and local authorities, by burning, if burned, stay out of smoke.

Conditions of Sale and Warranty

The Directions For Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions For Use, subject to the inherent risks, referred to above. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing Conditions of Sale and Warranty which may be varied only by agreement.

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